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NASA Procedural Requirements

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 (NASA Only)

Subject: NASA Radio Frequency (RF) Spectrum Management Manual

Responsible Office: Space Operations Mission Directorate

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Appendix I: Terms of Reference of the Space Frequency

Coordination Group (SFCG) (November 2000)

The SFCG provides a forum for multilateral discussion and coordination of spectrum matters of mutual interest concerning, in particular, the following space radiocommunication services as defined in the ITU RR:

Space Research
Space Operations
Earth Exploration Satellite
Meteorological Satellite
Intersatellite
Radionavigation Satellite
Radioastronomy and Radar Astronomy to the extent that they are relevant to spacecraft missions

The agreed-upon results of the SFCG work will be expressed in the form of resolutions, recommendations, or whatever form may be appropriate for the case. SFCG members will attempt to ensure that findings of the SFCG are taken into account by their agencies.

The SFCG will:

- Facilitate early understanding of present and future plans for space systems and services and of other systems affecting these.
- Identify problem areas and coordination needs, and study potential solutions associated therewith.
- Identify issues and policy matters relating to the future orderly use of the frequency bands allocated to respective space radiocommunication services.
- Suggest courses of action to be taken by SFCG member agencies with regard to current and future frequency needs of the space radiocommunications services identified above.
- Identify those matters for which member agencies should facilitate contributions to regional bodies (e.g. APT, CEPT, CITELE), ITU-R Study Groups; or to encourage their administrations to make proposals to ITU WRCs.
- Closely cooperate in the area of frequency management with other space agencies, as well as with commercial or research users of frequency bands allocated to the services identified above.
- Consider any other items of technical, operational, or administrative nature which affect the interests of the group.
- Maintain strong ties with other international bodies with related objectives.

Current list of SFCG Member Agencies:

ARGENTINA: Comisión Nacional de Actividades Espaciales (CONAE)
AUSTRALIA: Commonwealth Scientific and Industrial Research Organization (CSIRO)
AUSTRIA: Austrian Space Agency (ASA)
BRAZIL: Instituto de Pesquisas Espaciais (INPE)
CANADA: Canadian Space Agency (CSA)
CHINA: China Meteorological Administration (CMA)
European Meteorological Satellite Organization (EUMETSAT)
EUROPEAN SPACE AGENCY (ESA)
FRANCE: Centre National d'Études Spatiales (CNES)
GERMANY: Deutsche Forschungs - und Versuchsanstalt für Luft - und Raumfahrt e.V. (DLR)
INDIA: Indian Space Research Organization (ISRO)
ITALY: AGENZIA SPAZIALE ITALIANA (ASI)
JAPAN: Japan Aerospace Exploration Agency (JAXA)
MALAYSIA: National Space Agency
REPUBLIC OF KOREA: Korea Aerospace Research Institute (KARI)
RUSSIAN FEDERATION: Russian Federal Space Agency (RFSA)
SPAIN: INTA/ Ingeniera y Servicios Aeroespaciales (INSA)
SWEDEN: Swedish Board for Space Activities/Swedish Space Corporation (SBSA/SSC)
TAIWAN: National Space Program Office (NSPO)
THE NETHERLANDS
UKRAINE: National Space Agency of Ukraine
UNITED KINGDOM: British National Space Center (BNSC)
UNITED STATES: NASA
UNITED STATES: National Oceanic and Atmospheric Administration (NOAA)

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